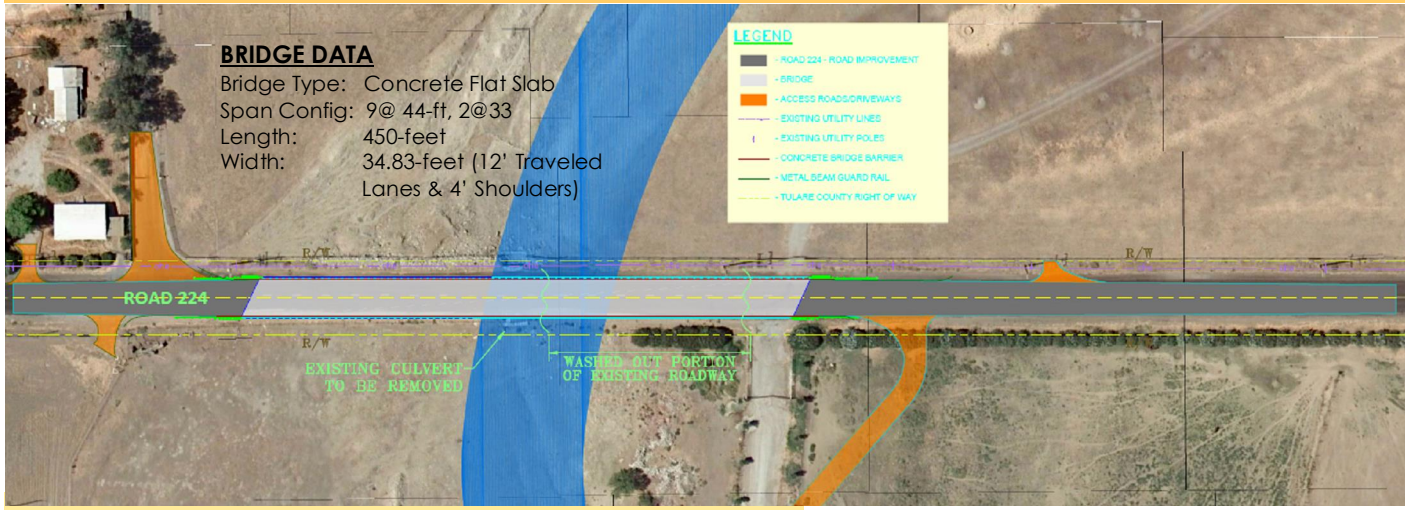
ROAD 224 BRIDGE

OVER DEER CREEK



PROJECT FUNDING

*HBP: $4,968,303

*Toll Credits: $643,697

*No Local Funds Needed

SCHEDULE

Preliminary Engineering: Fall 2012 - Winter 2014

Construction:
Spring 2015 - Fall 2015

KEY FEATURES

- Reinforced Concrete Flat Slab
- Designed for 100-year Flood
- Long Term Solution to Ongoing Problem
- 100% Federally Funded
- Road 224 will remain closed through end of construction
- Foundations: Cast-In-Drilled-Hole Concrete Piles

PROJECT TEAM

Engineering Manager: Benjamin Ruiz Jr., Tulare County

Project Manager: Jason Vivian, Tulare County

Project Engineer: Sukhjinder Brar, Tulare County

Hydraulics Engineer: Cathy Avila, Avila and Associates

Geotechnical Engineer: Martin McIlroy, Taber Consultants

Environmental Consultant: Sarah Holm, Dokken Engineering

Regulatory Agency Permitting: Aaron Bock, Tulare County

Road 224 at Deer Creek has an extensive history of washing out during heavy rains and flooding, and most recently, washed out during the heavy rain events of 2010. The design and construction of this project will be entirely funded through FHWA's Highway Bridge Program (100% federally funded with no local fund participation). The new structure will consist of an approximately 450-foot long eleven-span reinforced concrete flat slab bridge supported on concrete pile foundations. The bridge will carry two 12-foot lanes with 4-foot shoulders and standard bridge barriers with protective metal beam guard railing will be used to meet current traffic impact standards. Recently, the County's Geotechnical Engineer drilled several borings throughout the project site to classify soil properties used for bridge design/analysis and also to identify the appropriate foundation type. The results of the geotechnical and hydraulic studies are being completed and together with the environmental documents (nearly complete pending a hazardous waste study by Caltrans), the County will soon begin final bridge design which is expected to be completed at the end of the year.

TCAG Tulare County Association of Governments

U.S. Department of Transportation Federal Highway Administration

Caltrans

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COUNTY OF TULARE CALIFORNIA